

J1025 U.S.
04/23/01

PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional, noncontinuing patent application for:

Title: Semi-Physical Modeling of HEMT DC-to-High Frequency Electrothermal Characteristics

First Named Inventor or Application Identifier: Tsai

54 pages of the specification (including claims) are enclosed.

51 sheet(s) of drawings are enclosed. Formal Informal

(X) An executed Oath or Declaration and Power of Attorney naming the actual inventors is enclosed.

O^{ffice} The names of persons believed to be the actual inventors are set forth in the enclosed unexecuted Oath or Declaration and Power of Attorney (§1.41(a) and §1.53(b)).

(X) An Assignment(s) of the invention to TRW, Inc., and cover sheet are enclosed

A check in the amount of \$ 40.00 to cover the fee for recording the assignment(s) is enclosed.

() A 37 C.F.R. §3.73(b) Statement is enclosed (where an Assignee seeks to take action in a matter before the Patent Office).

() An Information Disclosure Statement is enclosed

() A Form PTO-1449 is enclosed

UTILITY PATENT APPLICATION TRANSMITTAL
for Noncontinuing, Nonprovisional
Applications under 37 C.F.R. §1.53(b))

Attorney Docket No. 12-1118

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() References (copies) listed on the Form PTO-1449 are enclosed.

(X) A Return Receipt Postcard is enclosed (MPEP §503).

(X) Priority of application number 60/200,648 filed on April 28, 2000 in the United States Patent and Trademark Office is claimed under 35 U.S.C. §119.

() A certified copy of the priority document is enclosed.

() A MicroFiche Computer Program (Appendix) is enclosed.

() A Nucleotide and/or Amino Acid Sequence Submission is enclosed.

() A Computer Readable Copy is enclosed.

() A Paper Copy (Identical to Computer Copy) is enclosed.

() A Statement Verifying Identity of above Copies is enclosed.

(X) The filing fee is calculated below:

Fee Calculation For Claims As Filed

(a) Basic Fee		\$ <u>710.00</u>
(b) Independent Claims	<u>1</u> - <u>3</u> = <u>0</u>	x \$ <u>80.00</u> = \$ <u>-0-</u>
(c) Total Claims	<u>10</u> - <u>20</u> = <u>0</u>	x \$ <u>18.00</u> = \$ <u>-0-</u>
(d) Fee for Multiple Dependent Claims		\$ <u>270.00</u> = \$ <u></u>
(e) Basic Design Fee		\$ <u></u>
Total Filing Fee		\$ <u>710.00</u>

() Small Entity Status is claimed under 37 C.F.R. §1.27 thus reducing the filing fee to: \$ 710.00

(X) A check in the amount of \$ 710.00 to cover the filing fee is enclosed.

() Charge \$ to Deposit Account No. 50-1214.

() The payment of the Filing Fee is to be deferred until the Declaration is filed. Do not charge our Deposit Account.

- () A separate written request under 37 C.F.R. §1.136(a)(3), which is a general authorization to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. §1.136(a) for its timely submission as incorporating a petition for an extension of time for the appropriate length of time, is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 50-1214. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1214. This sheet is filed in triplicate.
- () Also enclosed:

- (X) Address all future communications to:

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April 23, 2001
(Date)